



SEQUENCE LISTING

<110> Dunn-Coleman, Nigel
Goedegebuur, Frits
Ward, Michael
Yao, Jian

<120> EGVIII Endoglucanase and Nucleic Acids
Encoding the Same

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<212> DNA

<213> Trichoderma reesei

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 <212> PRT
 <213> Trichoderma reesei

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 35 40 45
 Glu Asp Asp Gly Leu Asn Val Phe Arg Ile Ser Ala Thr Trp Gln Phe
 50 55 60
 Val Leu Asn Asn Thr Val Asp Gly Lys Leu Asp Glu Leu Asn Trp Gly
 65 70 75 80
 Ser Tyr Asn Lys Val Val Asn Ala Cys Leu Glu Thr Gly Ala Tyr Cys
 85 90 95
 Met Ile Asp Met His Asn Phe Ala Arg Tyr Asn Gly Gly Ile Ile Gly
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 Gln Gly Gly Val Ser Asp Asp Ile Phe Val Asp Leu Trp Val Gln Ile
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 Ala Lys Tyr Tyr Glu Asp Asn Asp Lys Ile Ile Phe Gly Leu Met Asn
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 Glu Pro His Asp Leu Asp Ile Glu Ile Trp Ala Gln Thr Cys Gln Lys
 145 150 155 160
 Val Val Thr Ala Ile Arg Lys Ala Gly Ala Thr Ser Gln Met Ile Leu
 165 170 175
 Leu Pro Gly Thr Asn Phe Ala Ser Val Glu Thr Tyr Val Ser Thr Gly
 180 185 190
 Ser Ala Glu Ala Leu Gly Lys Ile Thr Asn Pro Asp Gly Ser Thr Asp
 195 200 205
 Leu Leu Tyr Phe Asp Val His Lys Tyr Leu Asp Ile Asn Asn Ser Gly
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 Ser His Ala Glu Cys Thr Thr Asp Asn Val Asp Ala Phe Asn Asp Phe
 225 230 235 240
 Ala Asp Trp Leu Arg Gln Asn Lys Arg Gln Ala Ile Ile Ser Glu Thr
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 Gly Ala Ser Met Glu Pro Ser Cys Met Thr Ala Phe Cys Ala Gln Asn
 260 265 270
 Lys Ala Ile Ser Glu Asn Ser Asp Val Tyr Ile Gly Phe Val Gly Trp
 275 280 285
 Gly Ala Gly Ser Phe Asp Thr Ser Tyr Ile Leu Thr Leu Thr Pro Leu
 290 295 300
 Gly Lys Pro Gly Asn Tyr Thr Asp Asn Lys Leu Met Asn Glu Cys Ile
 305 310 315 320
 Leu Asp Gln Phe Thr Leu Asp Glu Lys Tyr Arg Pro Thr Pro Thr Ser
 325 330 335
 Ile Ser Thr Ala Ala Glu Glu Thr Ala Thr Ala Thr Ser Asp
 340 345 350
 Gly Asp Ala Pro Ser Thr Thr Lys Pro Ile Phe Arg Glu Glu Thr Ala
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 Ser Pro Thr Pro Asn Ala Val Thr Lys Pro Ser Pro Asp Thr Ser Asp
 370 375 380
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Val Ala Phe

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<213> Trichoderma reesei

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<210> 4

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<212> DNA

<213> Trichoderma reesei

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ggc	cag	atg	a	agc	attt	cg	cga	ag	ac	gac	gg	cct	caa	cg	tctt	tc	gcat	at	ccg	240
tgg	cag	ttt	t	tc	ct	ca	caa	cac	ggt	gg	ac	gg	ca	ag	ct	g	ac	tg	ggg	300
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<212> PRT

<213> Trichoderma reesei

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Cys	Gln	Lys	Val	Val	Thr	Ala	Ile	Arg	Lys	Ala	Gly	Ala	Thr	Ser	Gln
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Glu	Cys	Ile	Leu	Asp	Gln	Phe	Thr	Leu	Asp	Glu	Lys	Tyr	Arg	Pro	Thr
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Tyr	Met	Leu	Val	Ala	Phe										
		435													